

Program EVALPLOT  
(Version 2017-1)

by

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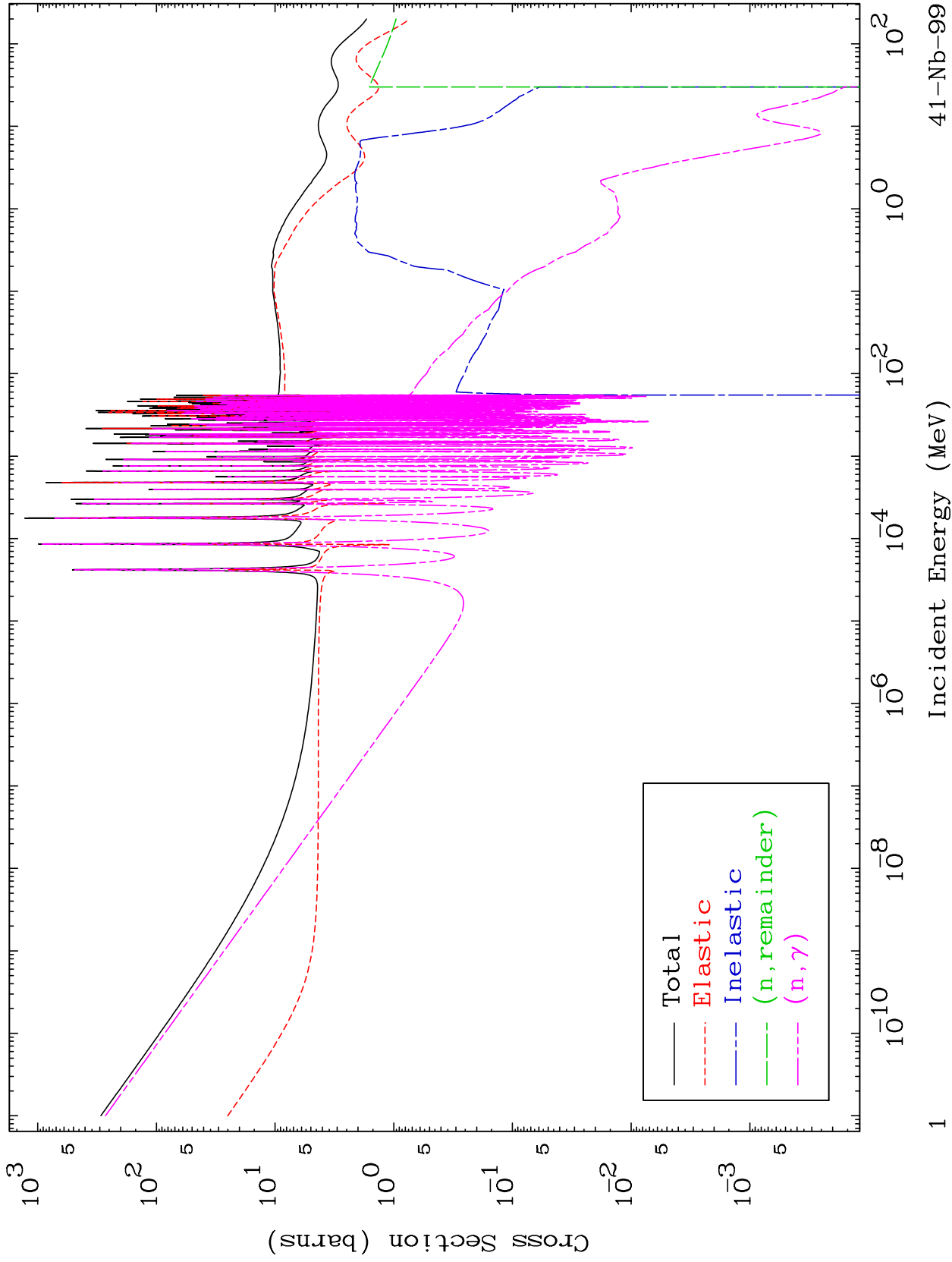
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

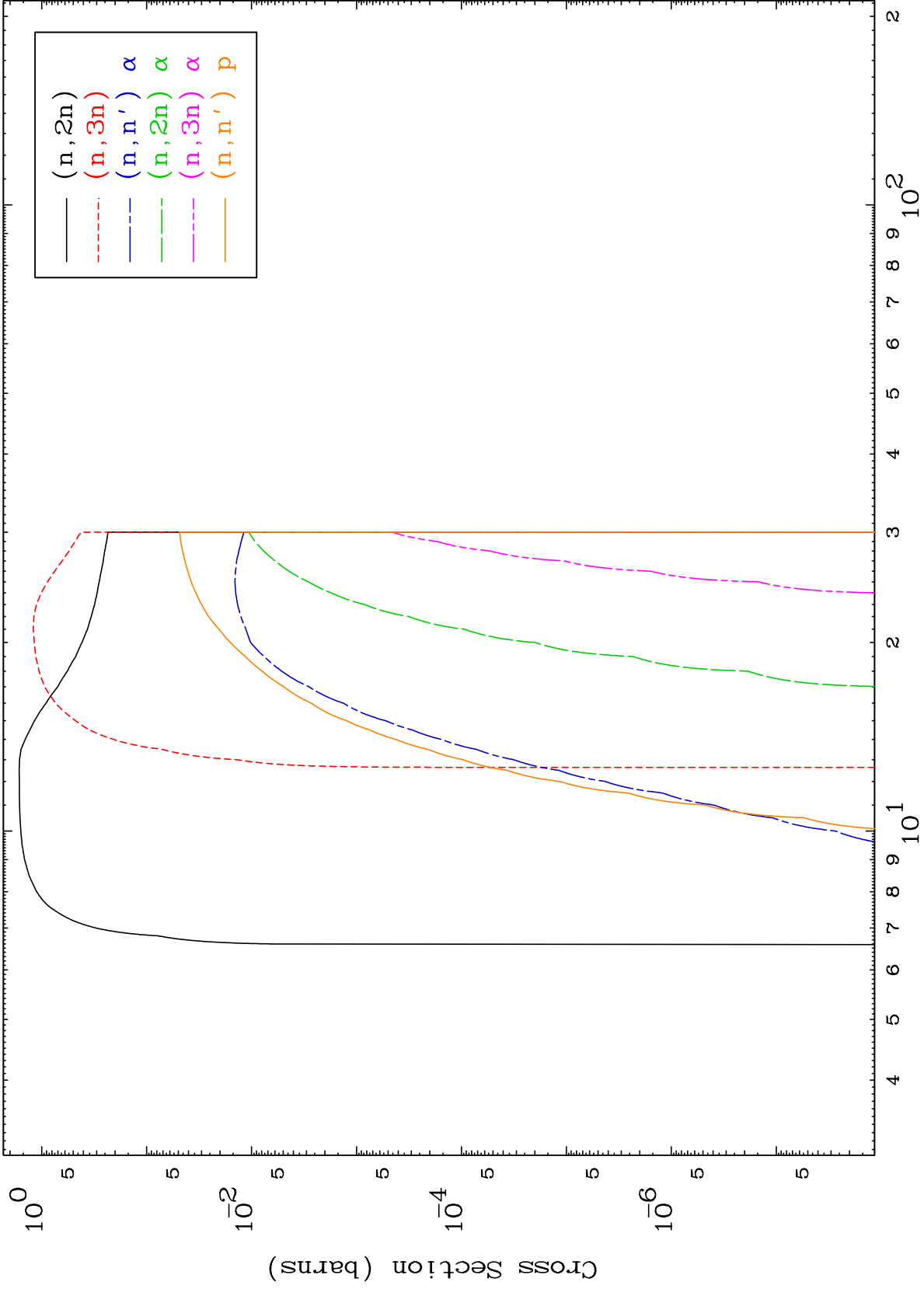
MAT 4144

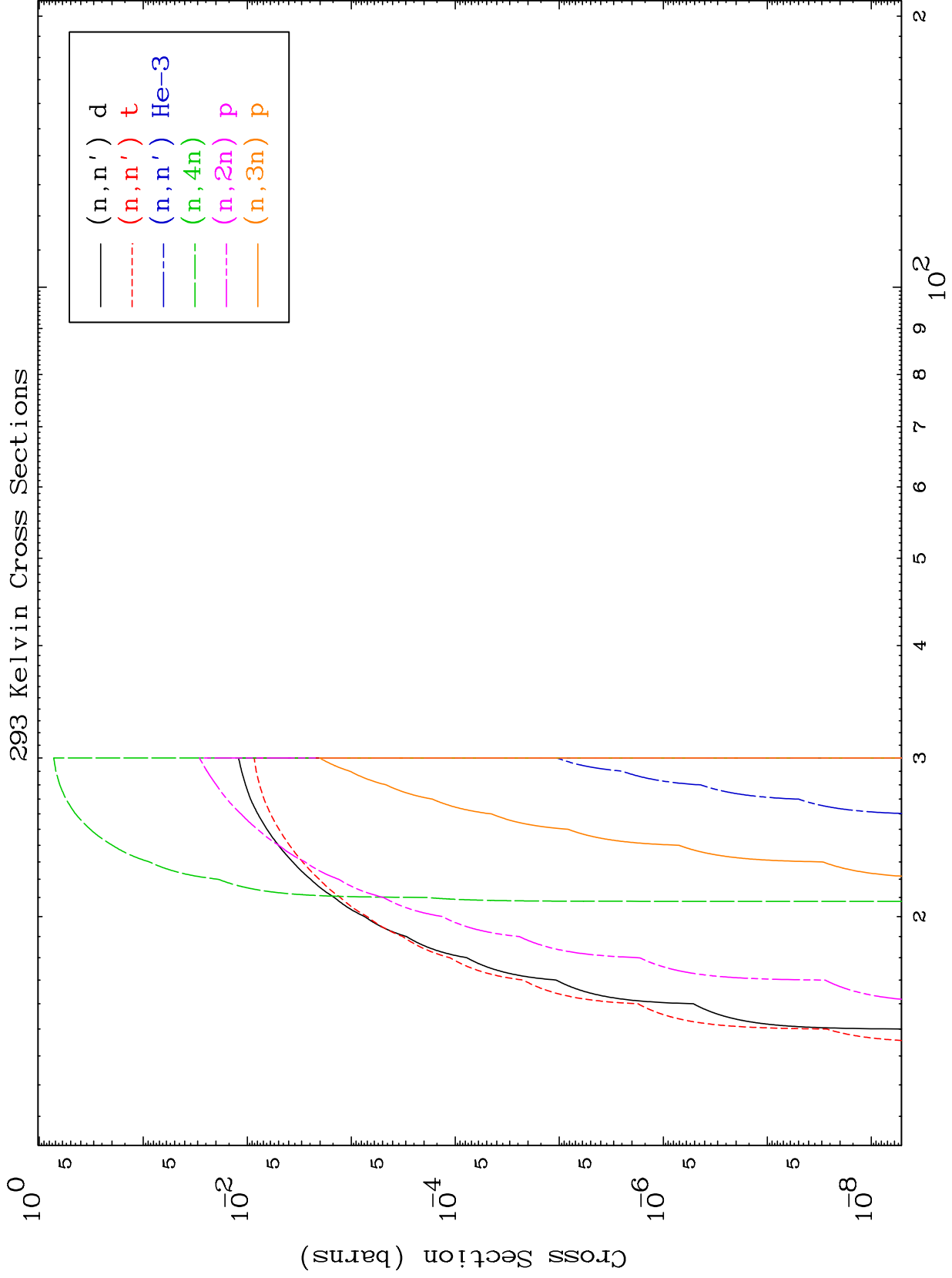
Major  
293 Kelvin Cross Sections

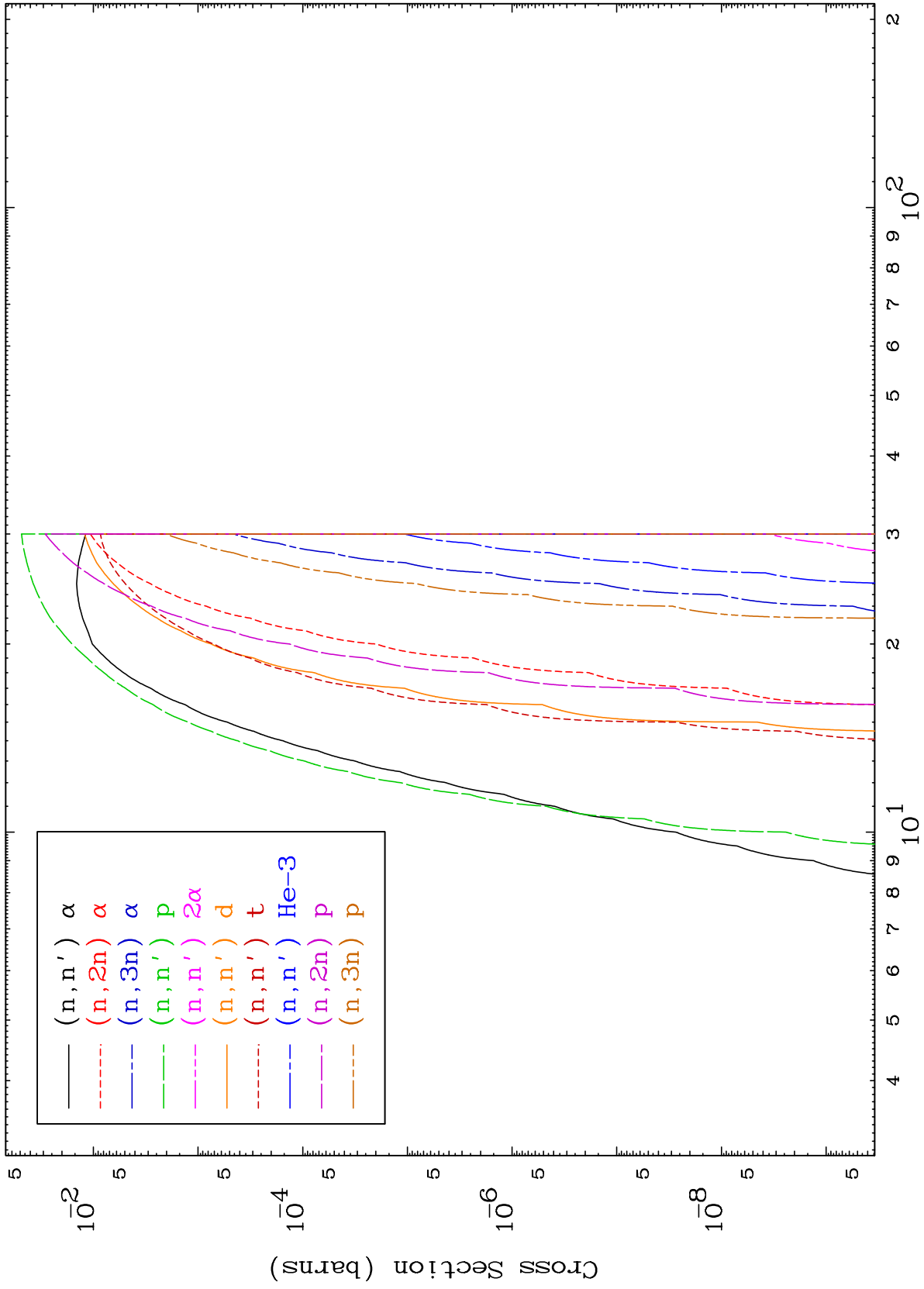
41-Nb-99



Neutron Production  
293 Kelvin Cross Sections



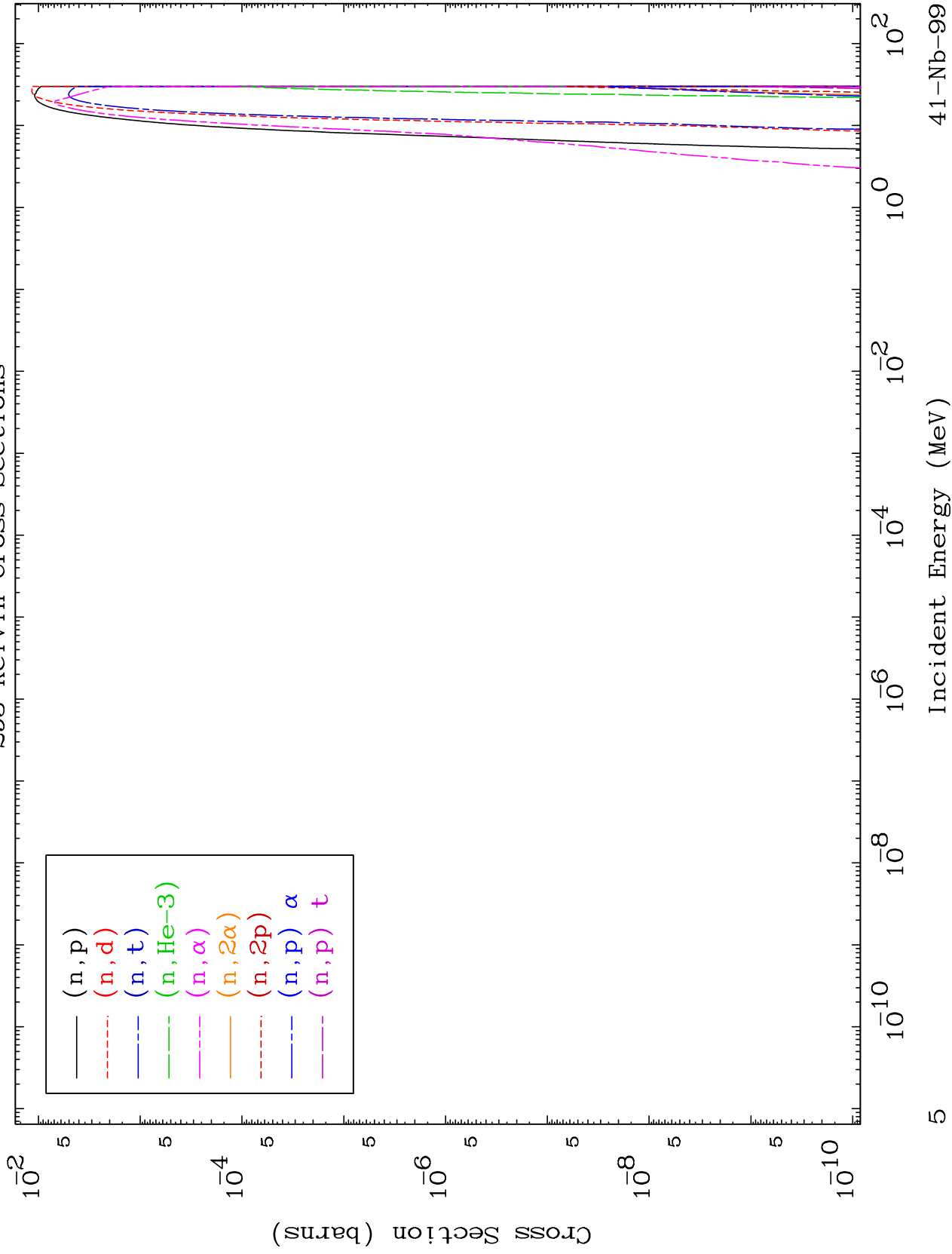




MAT 4144

Charged Particle  
293 Kelvin Cross Sections

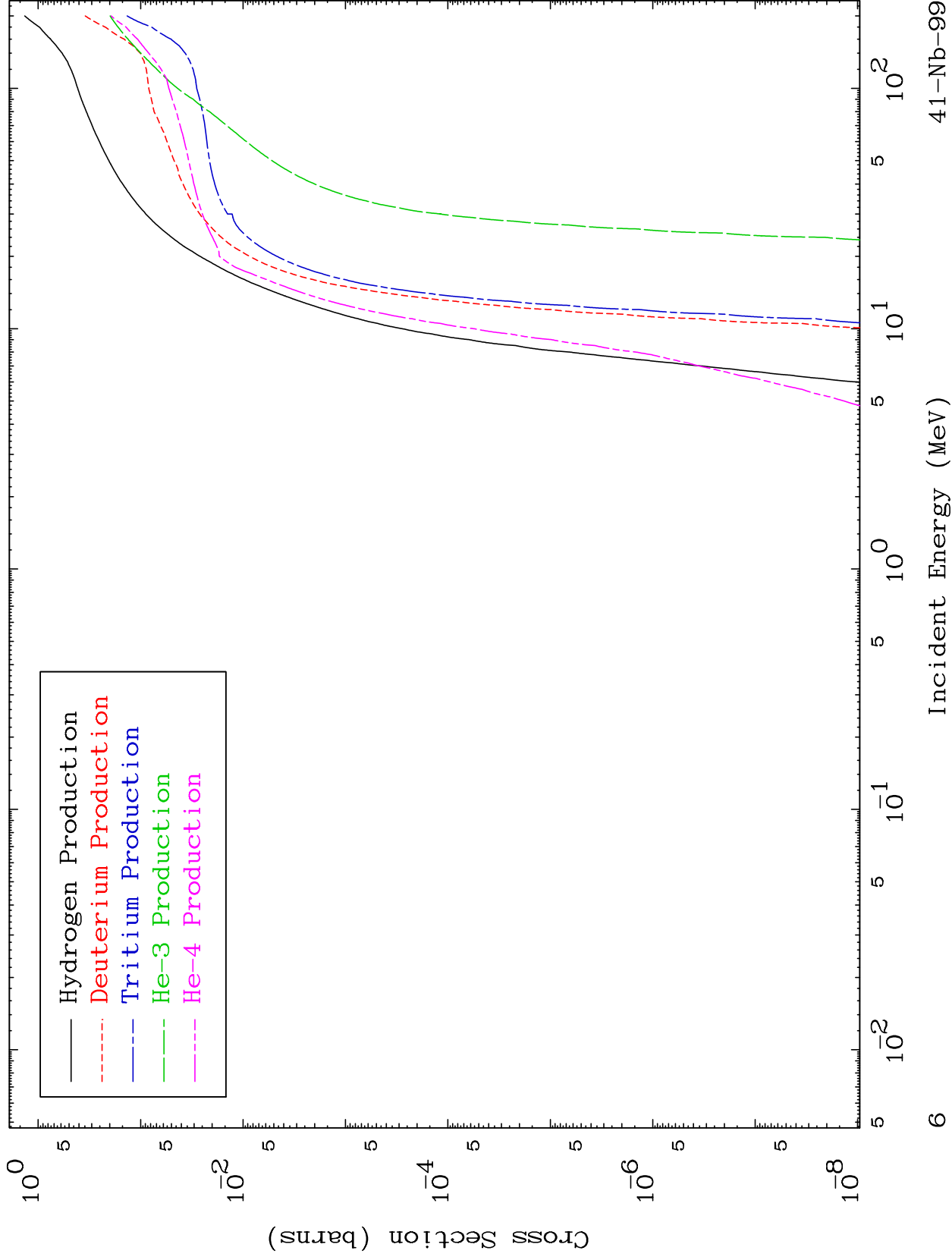
41-Nb-99



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Particle Production  
293 Kelvin Cross Sections

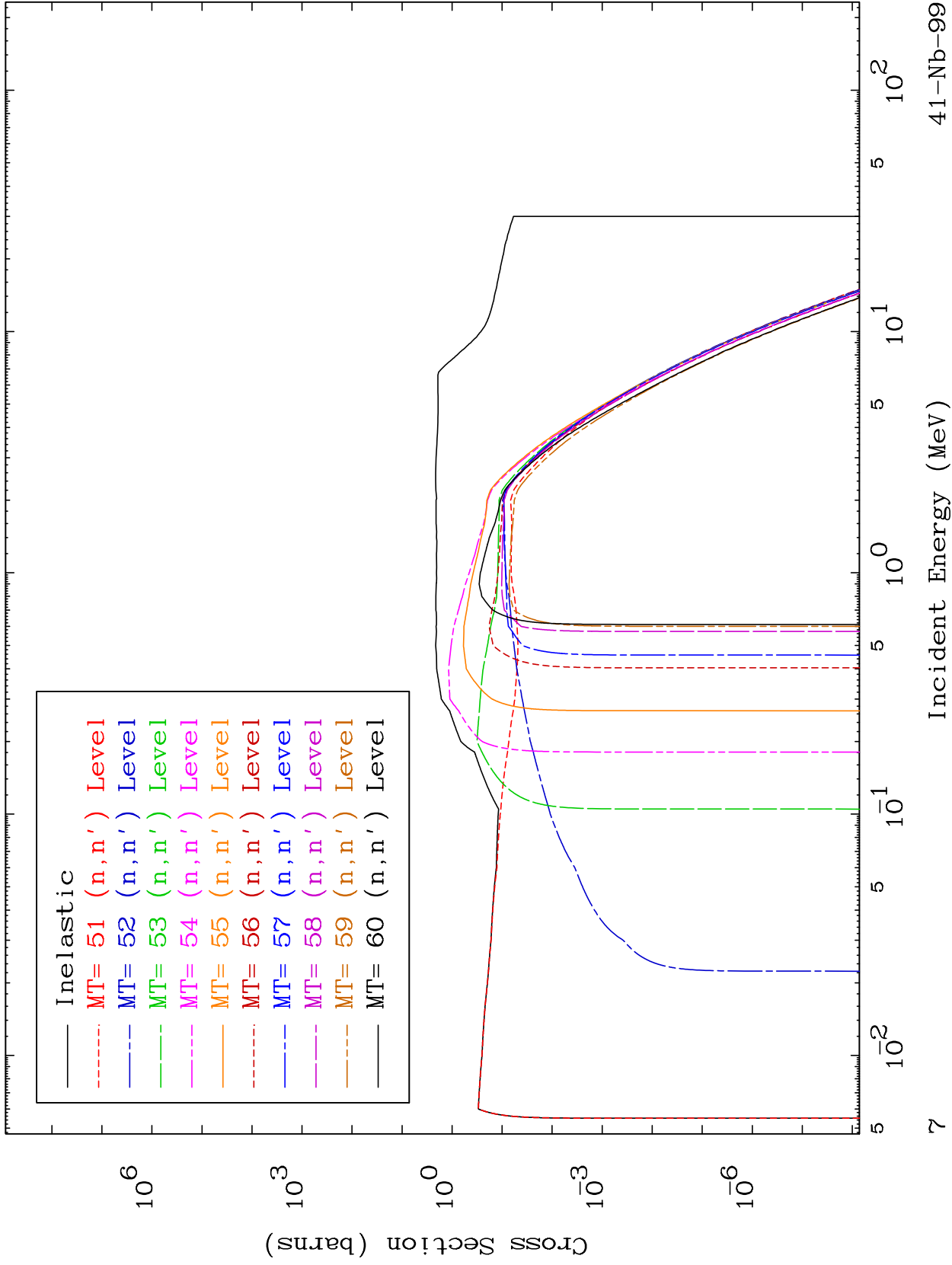
41-Nb-99



41-Nb-99

Incident Energy (MeV)

6



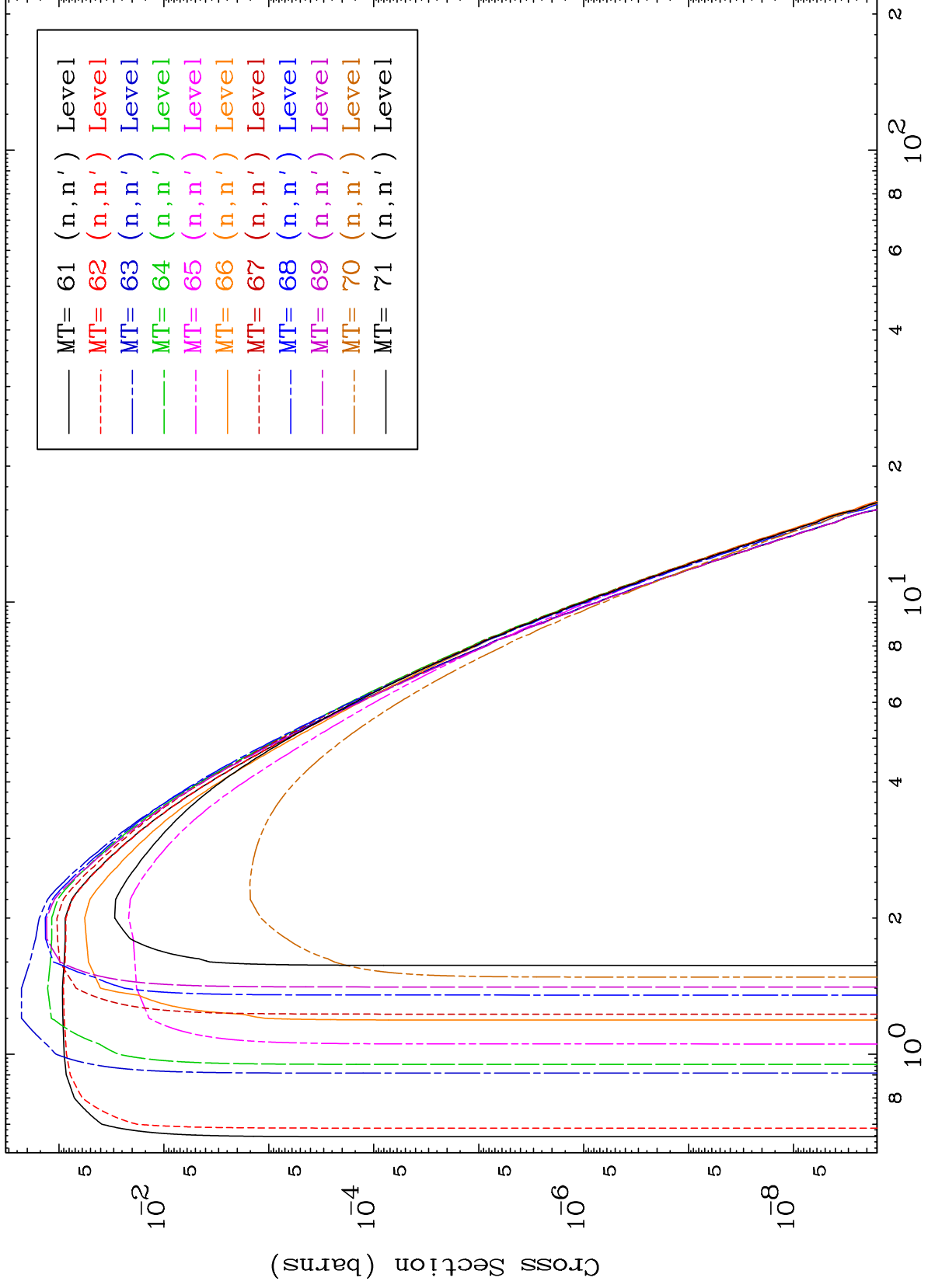


MAT 4144

(n,n') Level

41-Nb-99

293 Kelvin Cross Sections



8

Incident Energy (MeV)

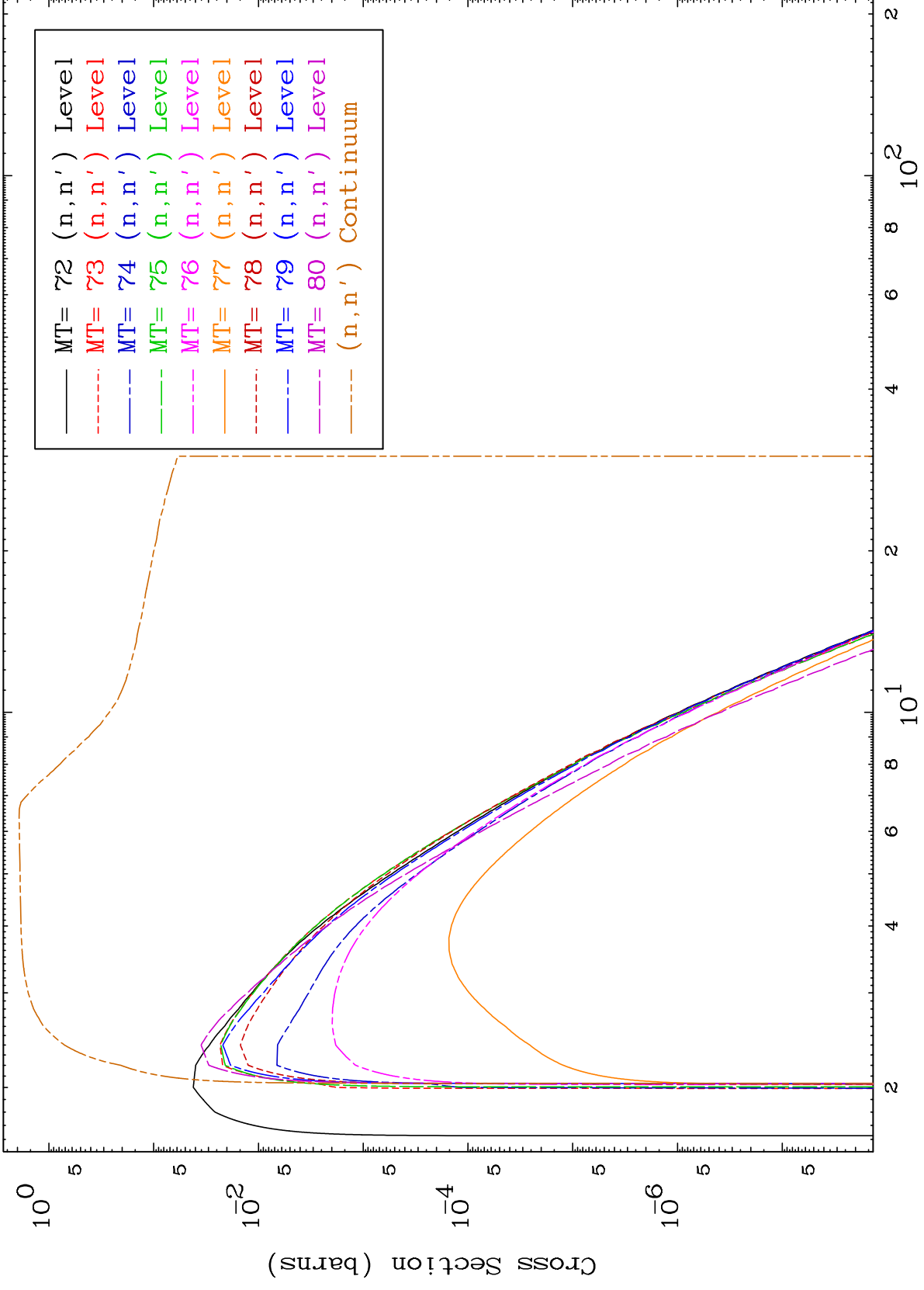
41-Nb-99

MAT 4144

(n,n') Level

41-Nb-99

293 Kelvin Cross Sections



9

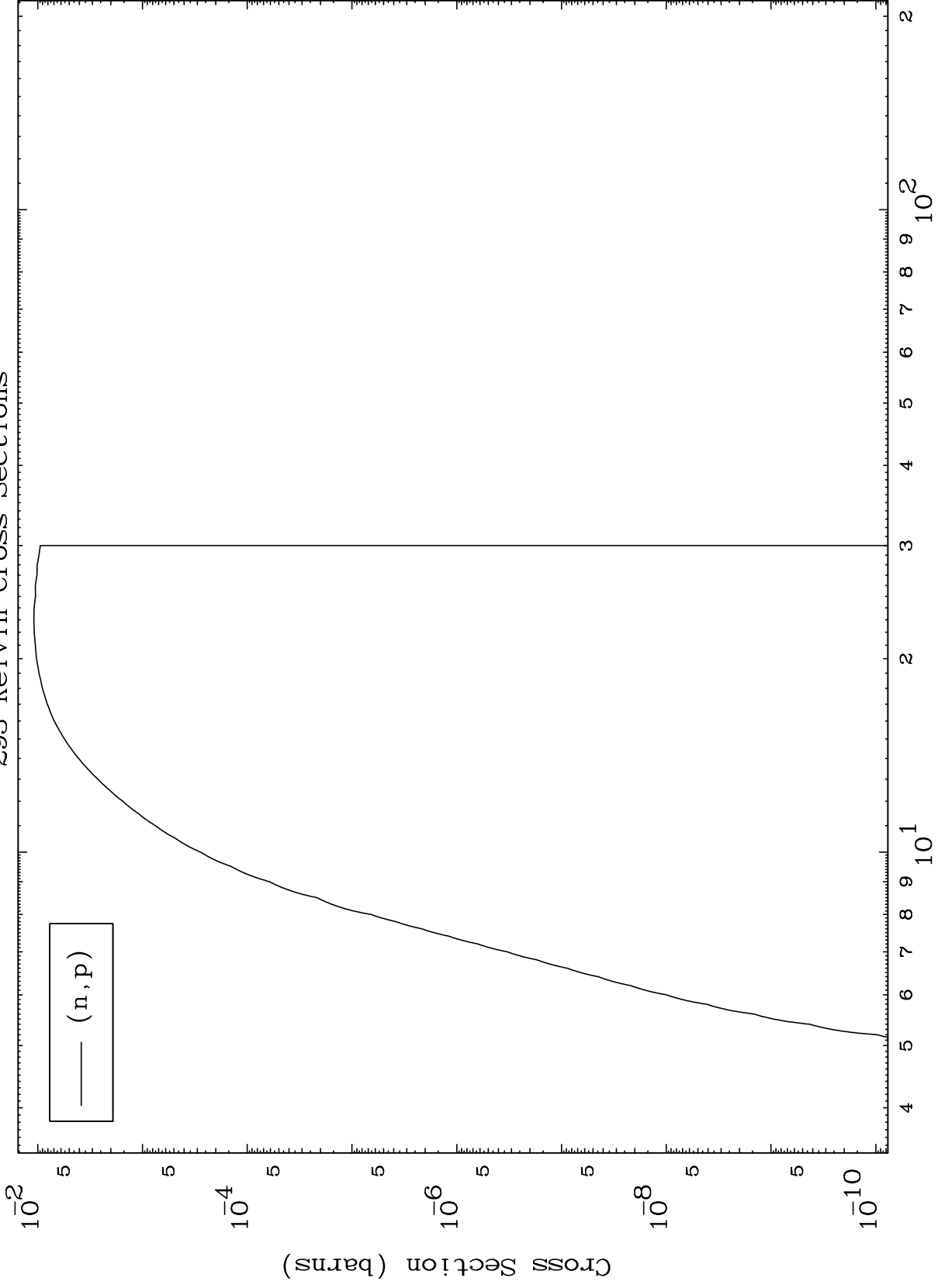
Incident Energy (MeV)

41-Nb-99

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(n,p) Levels  
293 Kelvin Cross Sections

41-Nb-99



10

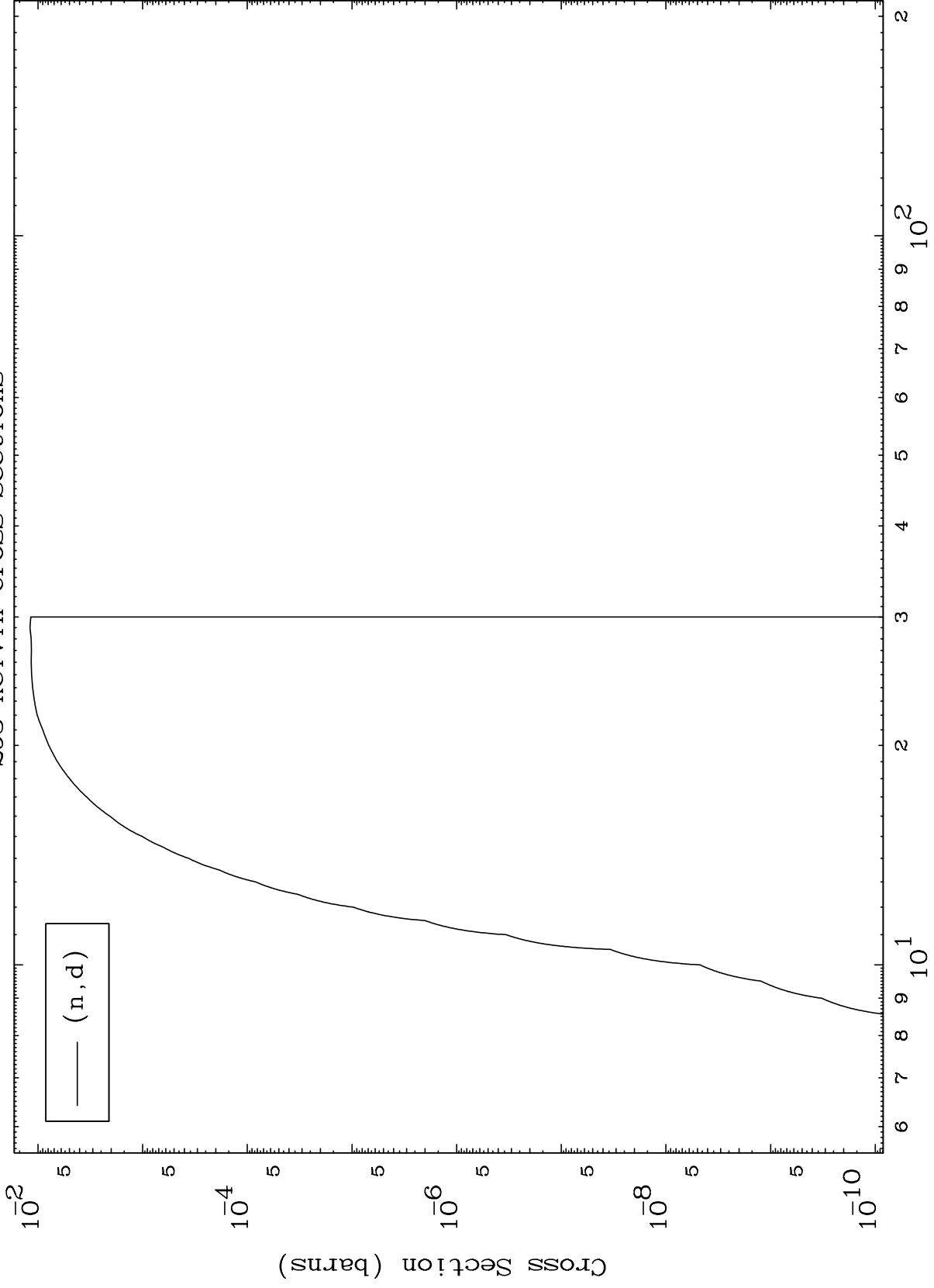
Incident Energy (MeV)

41-Nb-99

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(n,d) Levels  
293 Kelvin Cross Sections

41-Nb-99



11

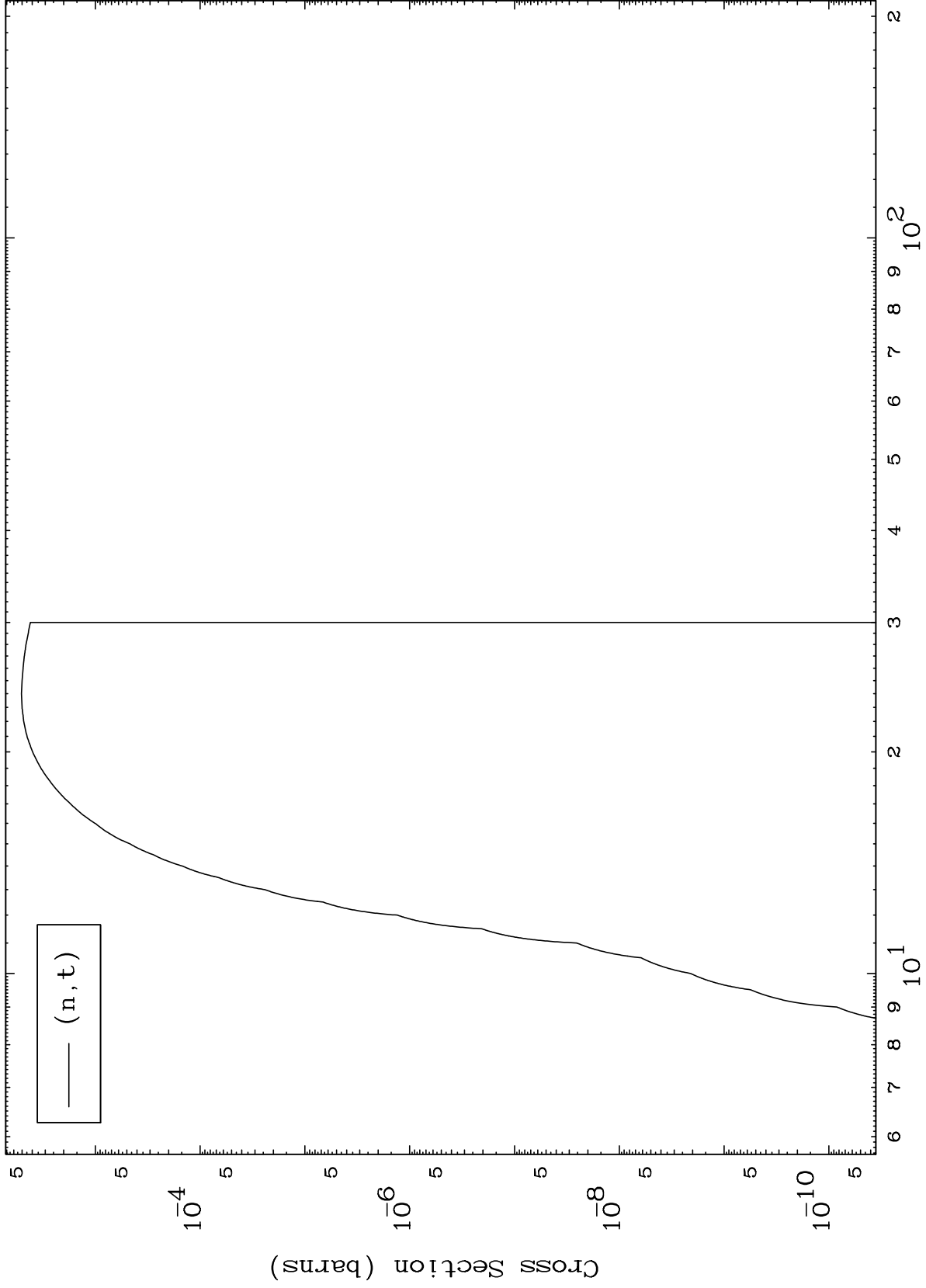
Incident Energy (MeV)

41-Nb-99

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(n,t) Levels  
293 Kelvin Cross Sections

41-Nb-99



12

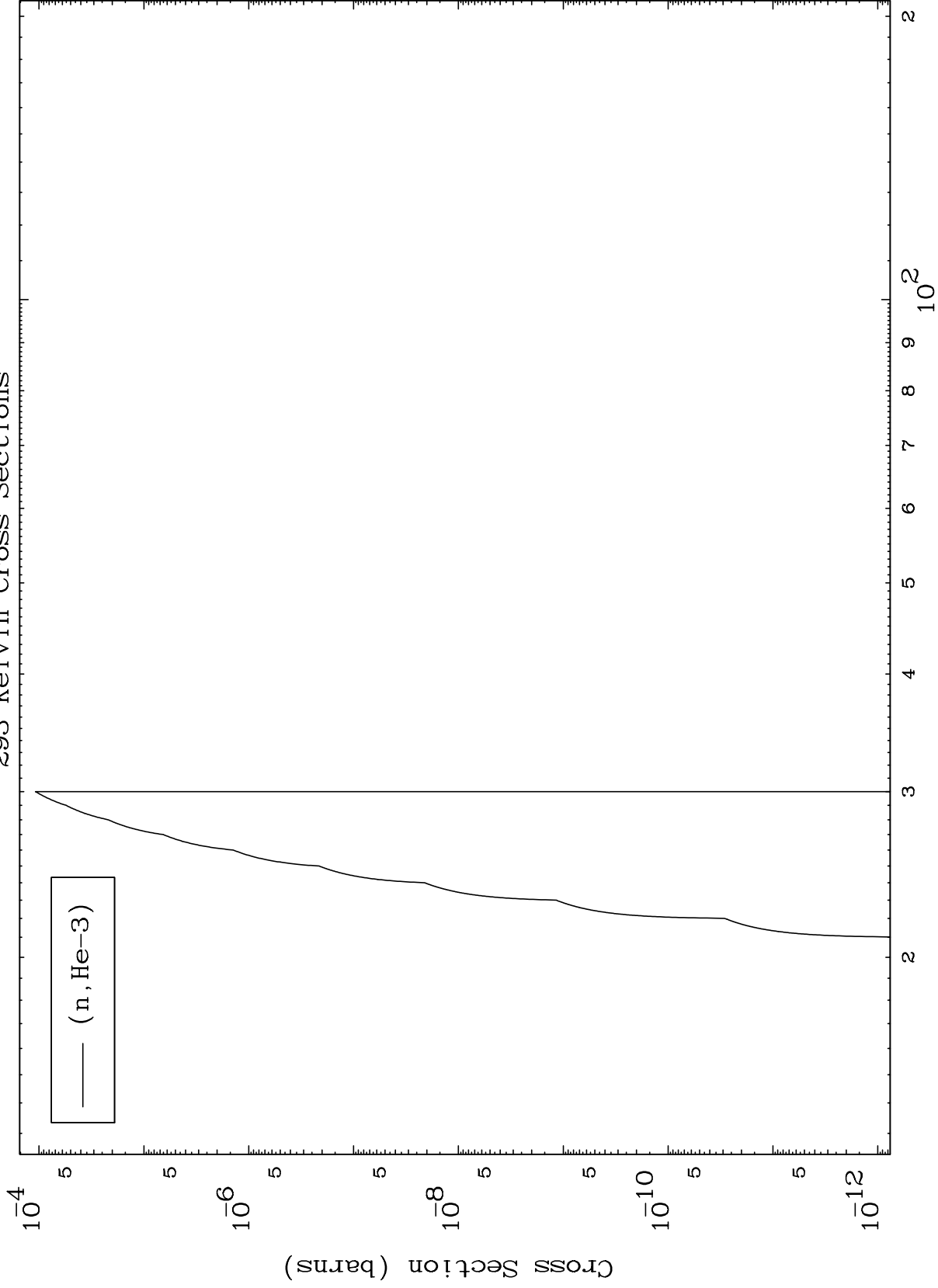
Incident Energy (MeV)

41-Nb-99

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(n,He3) Levels  
293 Kelvin Cross Sections

41-Nb-99



13

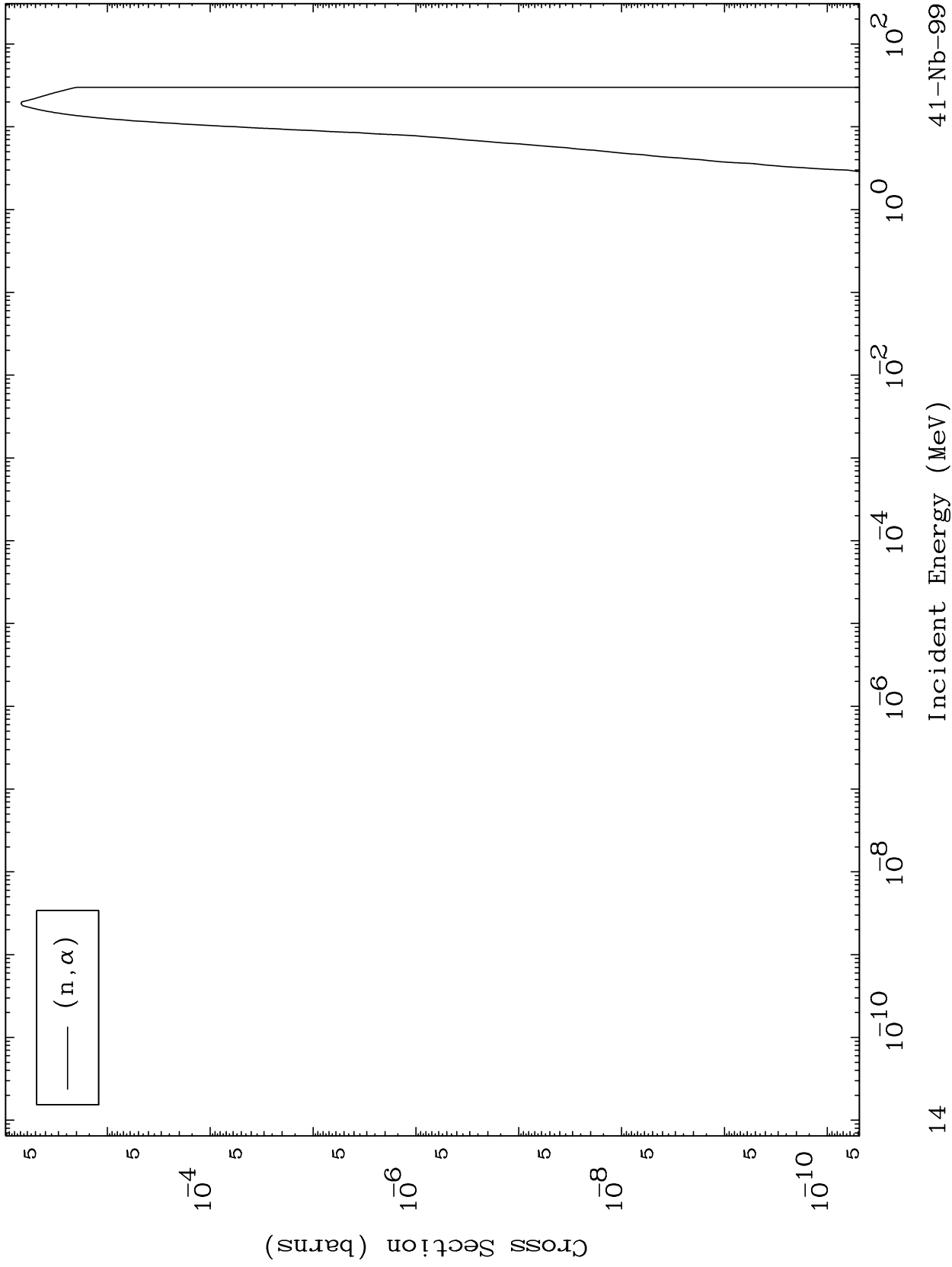
Incident Energy (MeV)

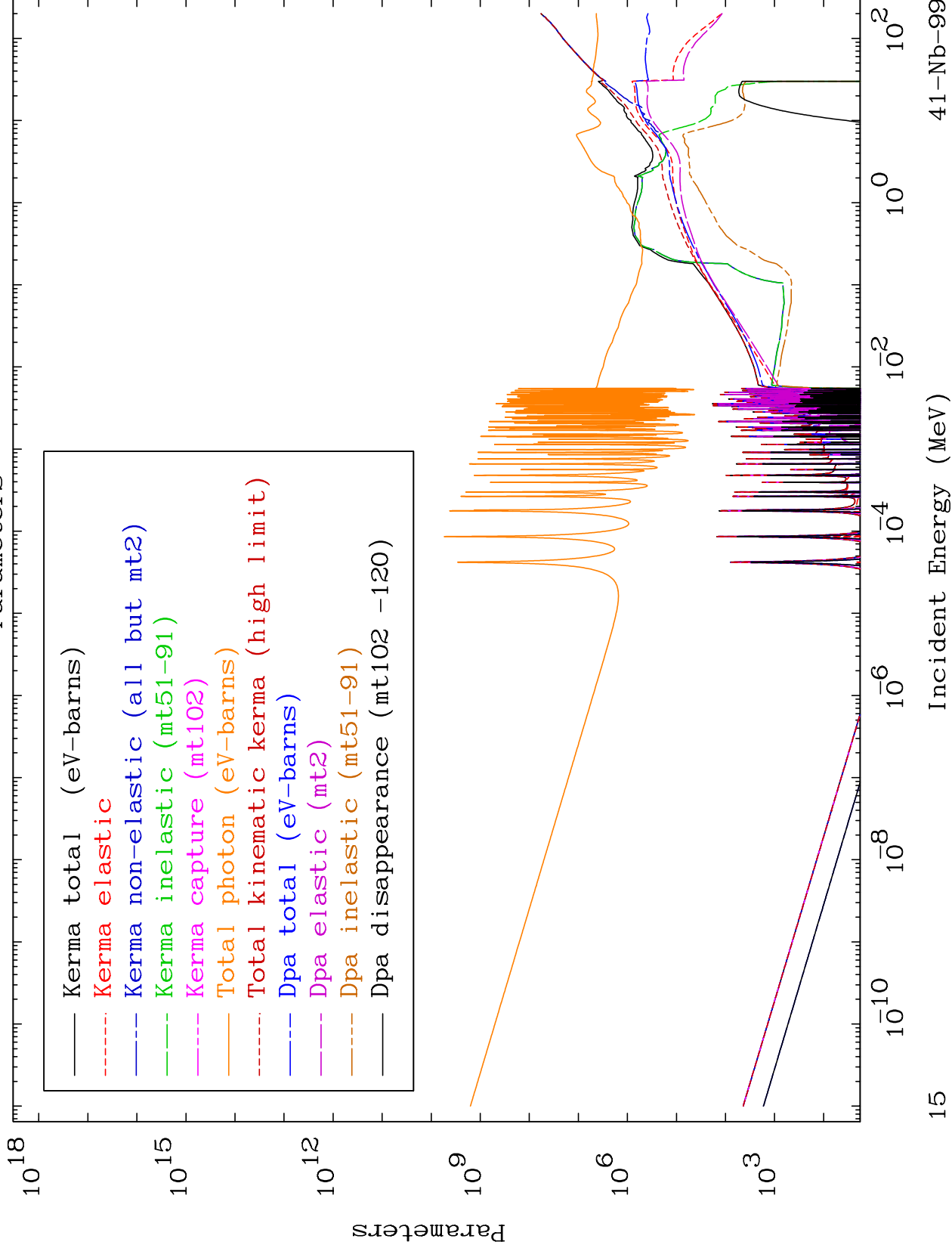
41-Nb-99

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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

41-Nb-99





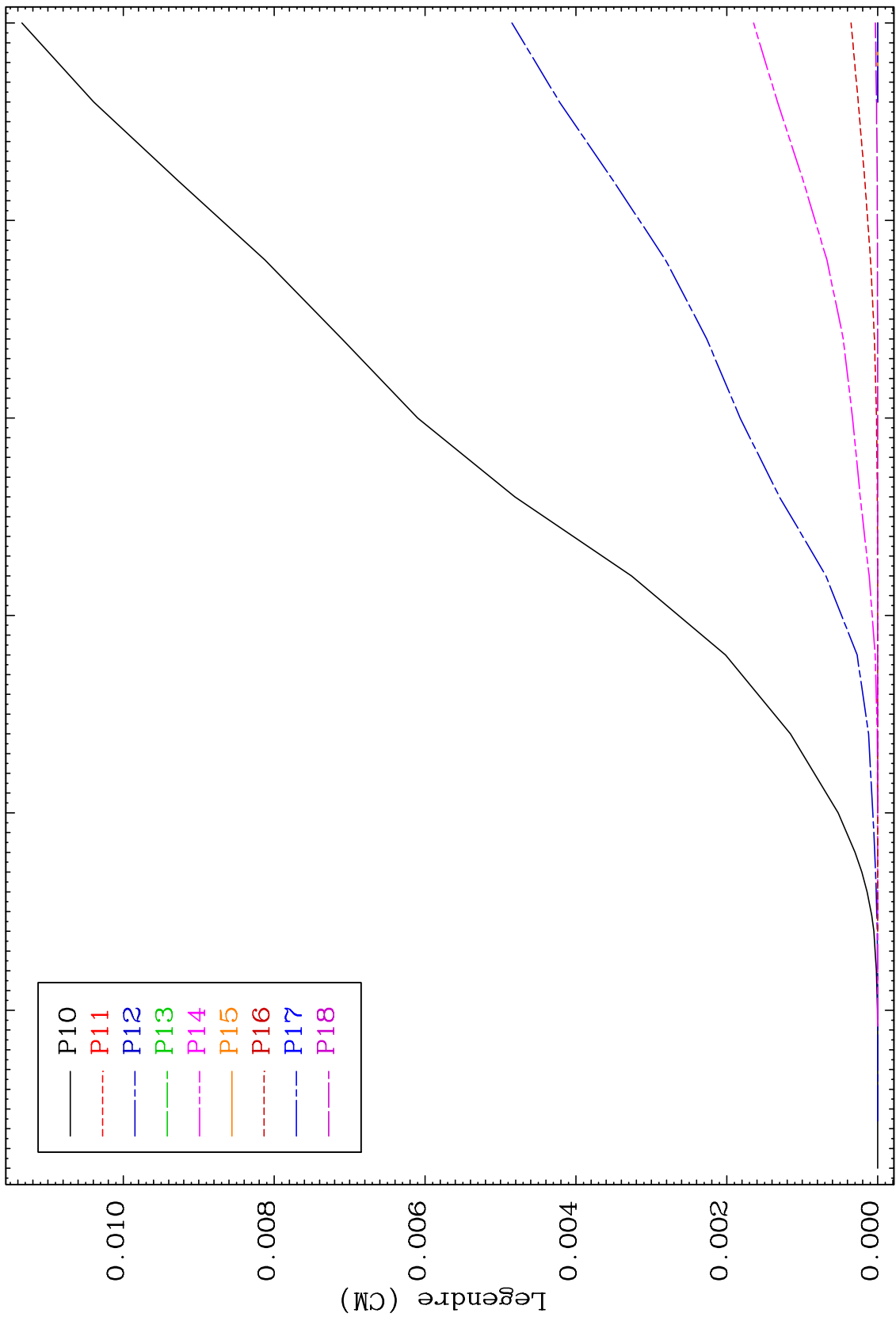




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Elastic Legendre Coefficients

41-Nb-99



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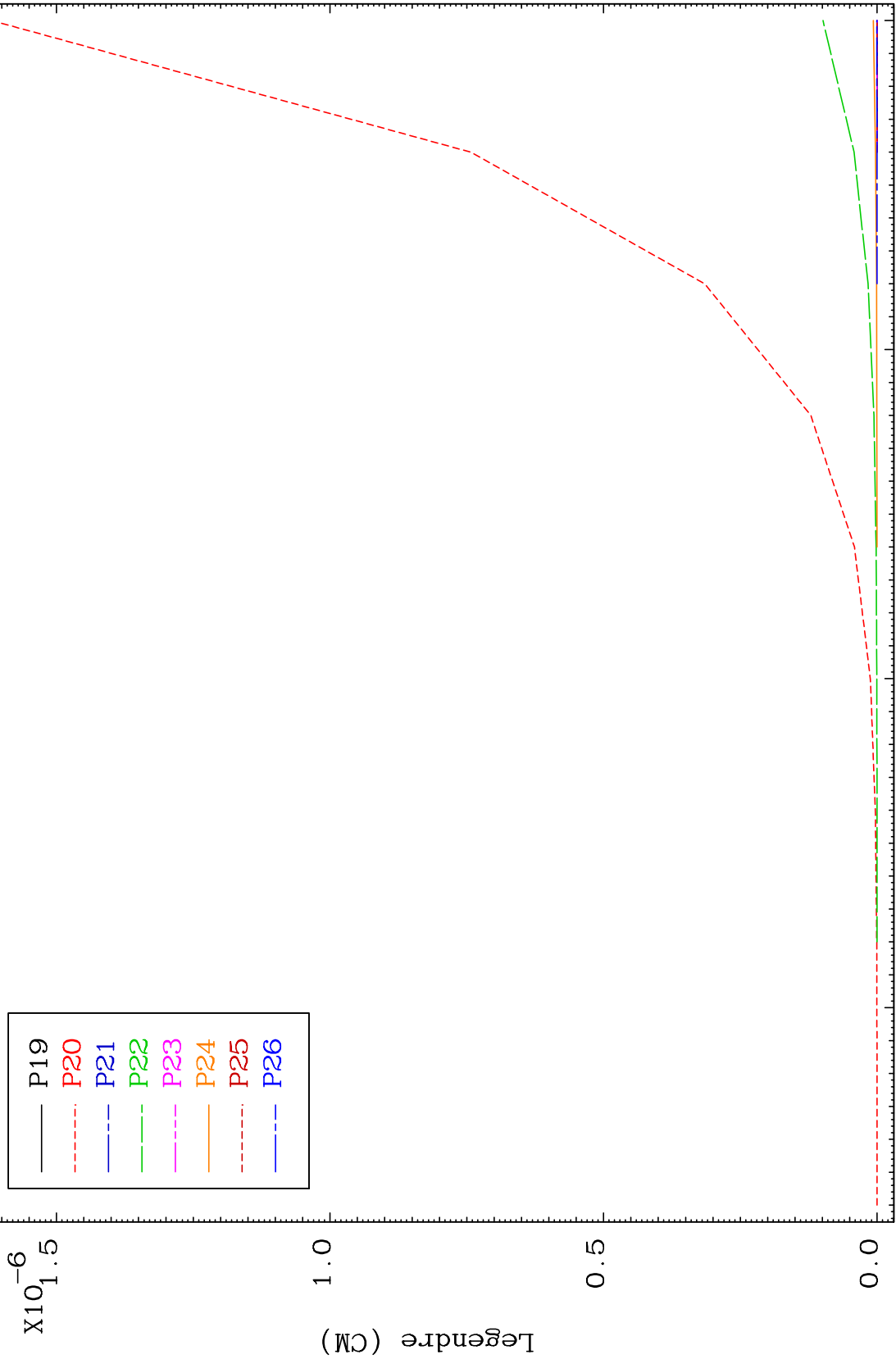
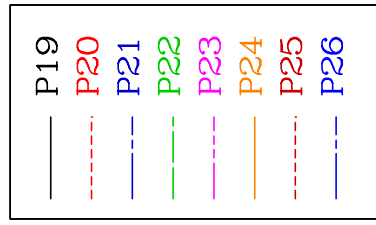
41-Nb-99

Incident Energy (MeV)

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### Elastic Legendre Coefficients

41-Nb-99



18

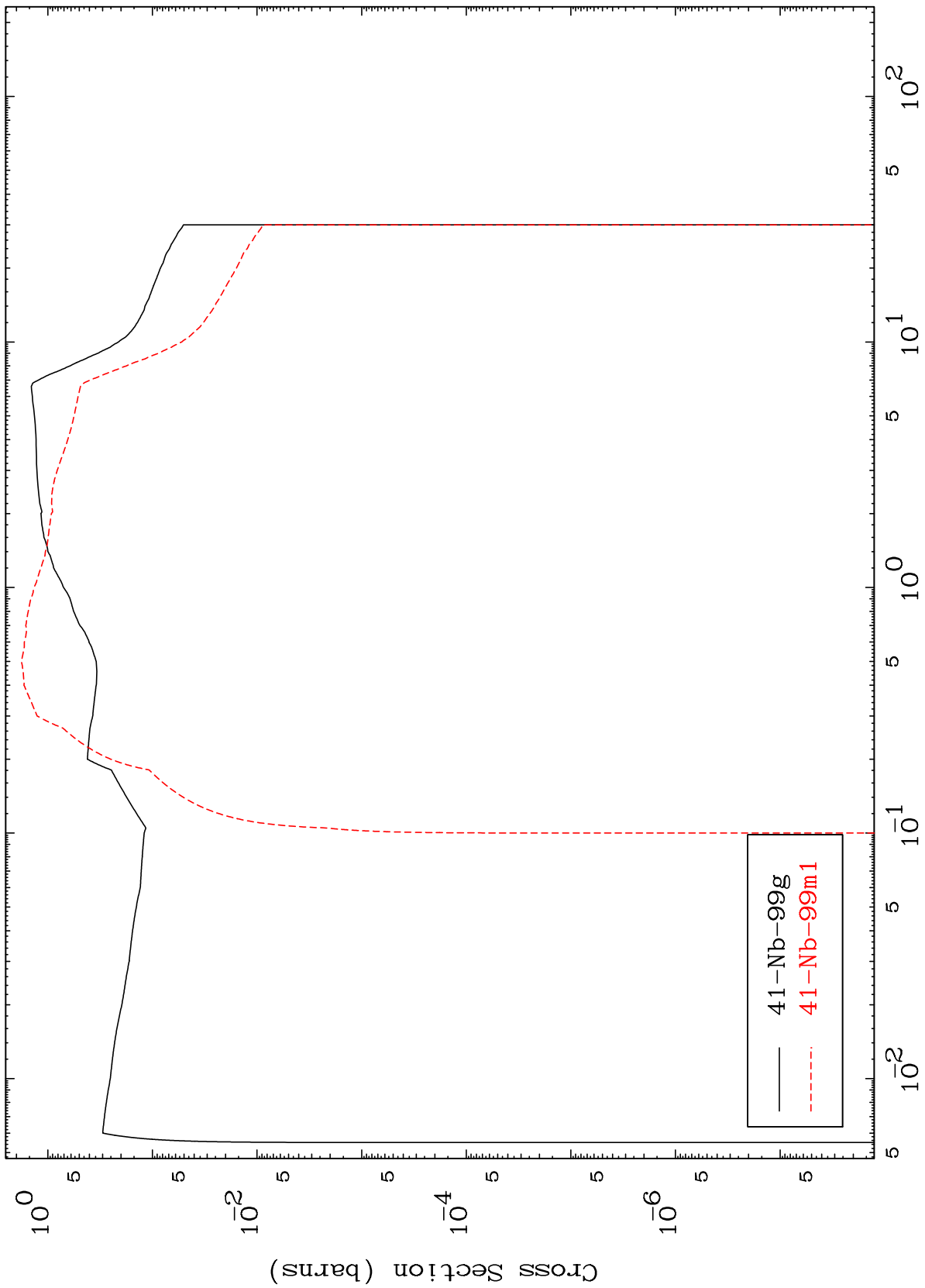
Incident Energy (MeV)

41-Nb-99

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41-Nb-99

### Inelastic Radionuclide Production Cross Section



19

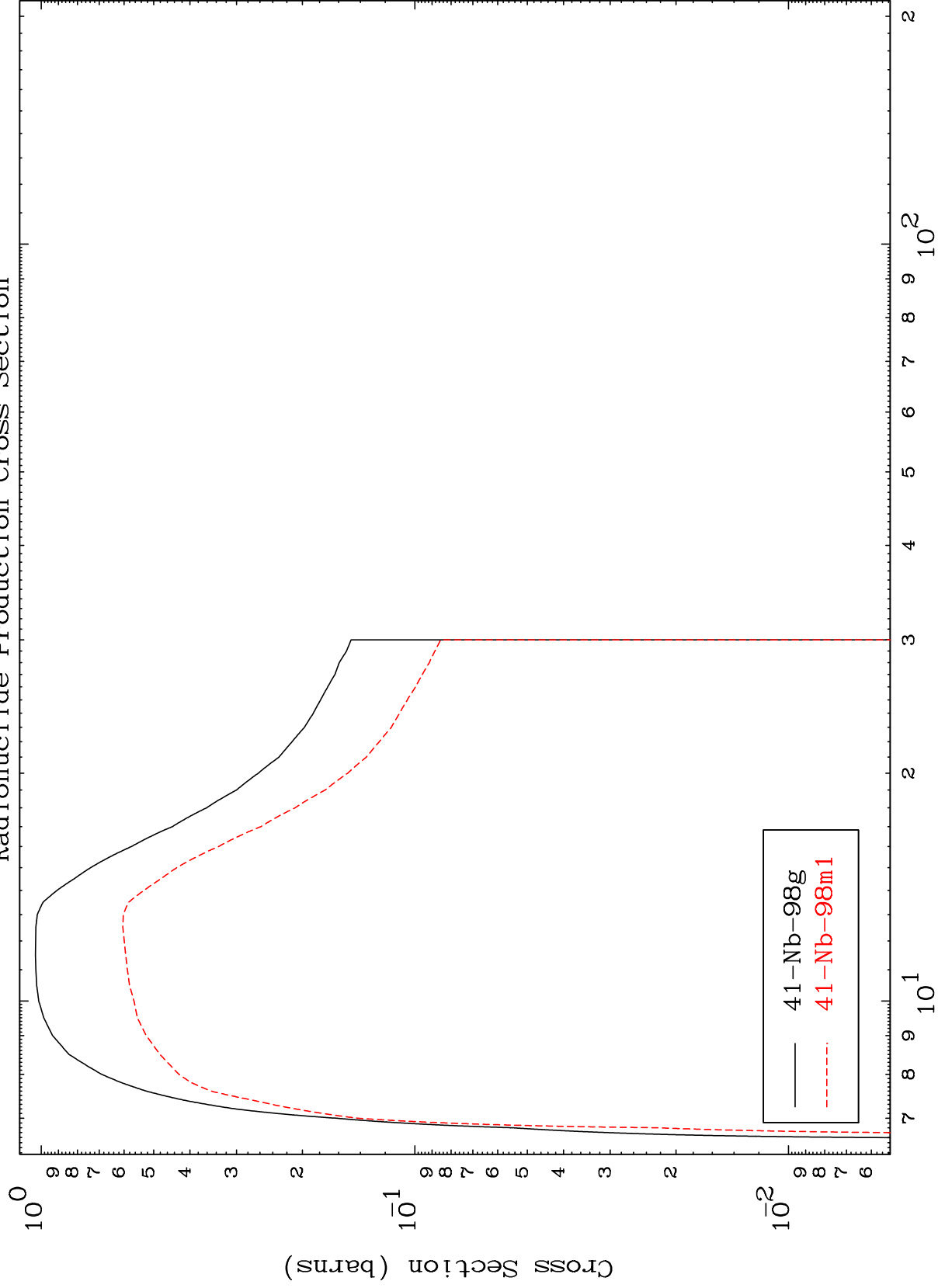
41-Nb-99

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(n,2n)

41-Nb-99

Radionuclide Production Cross Section



20

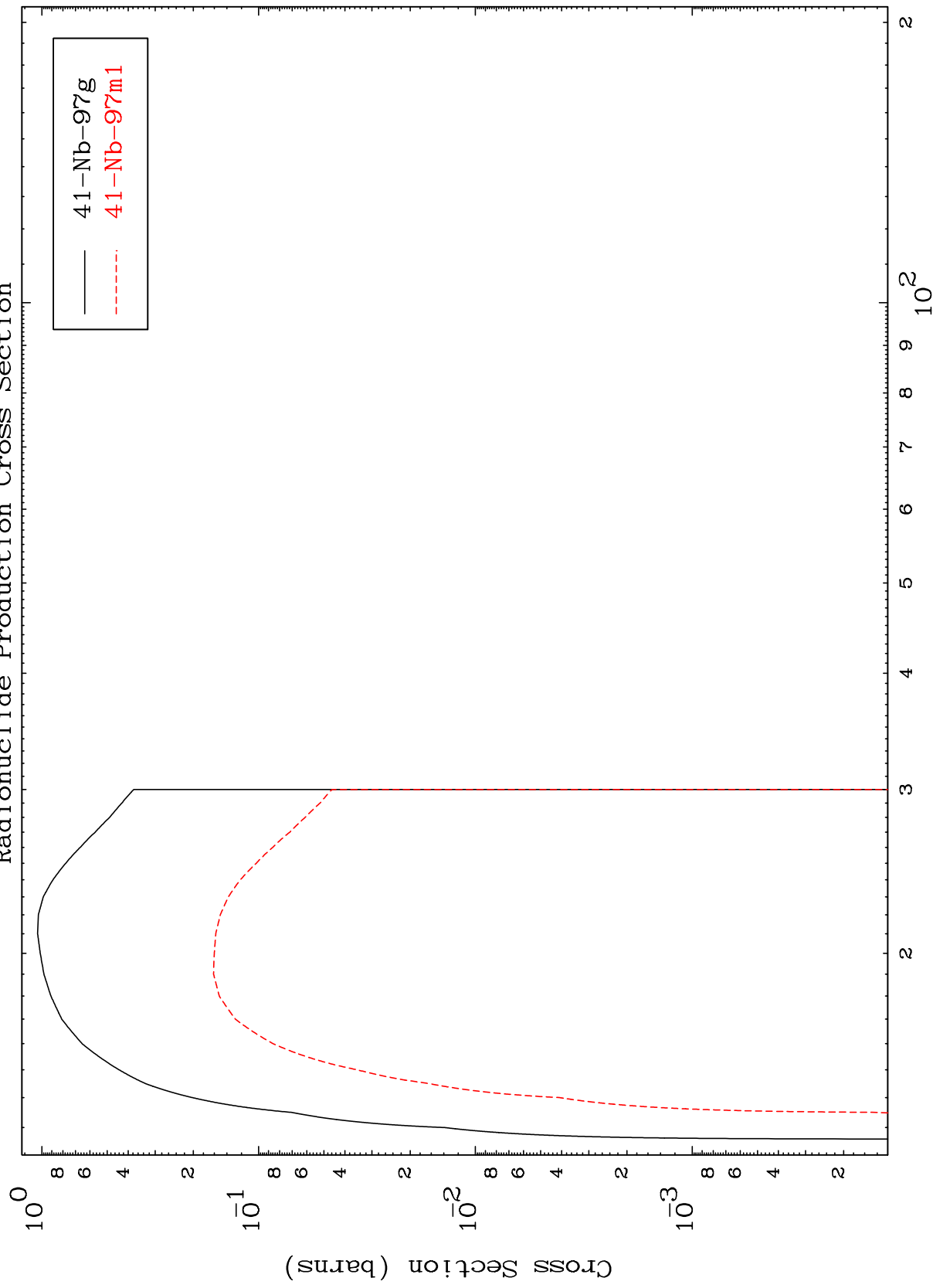
Incident Energy (MeV)

41-Nb-99

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41-Nb-99

(n,3n)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

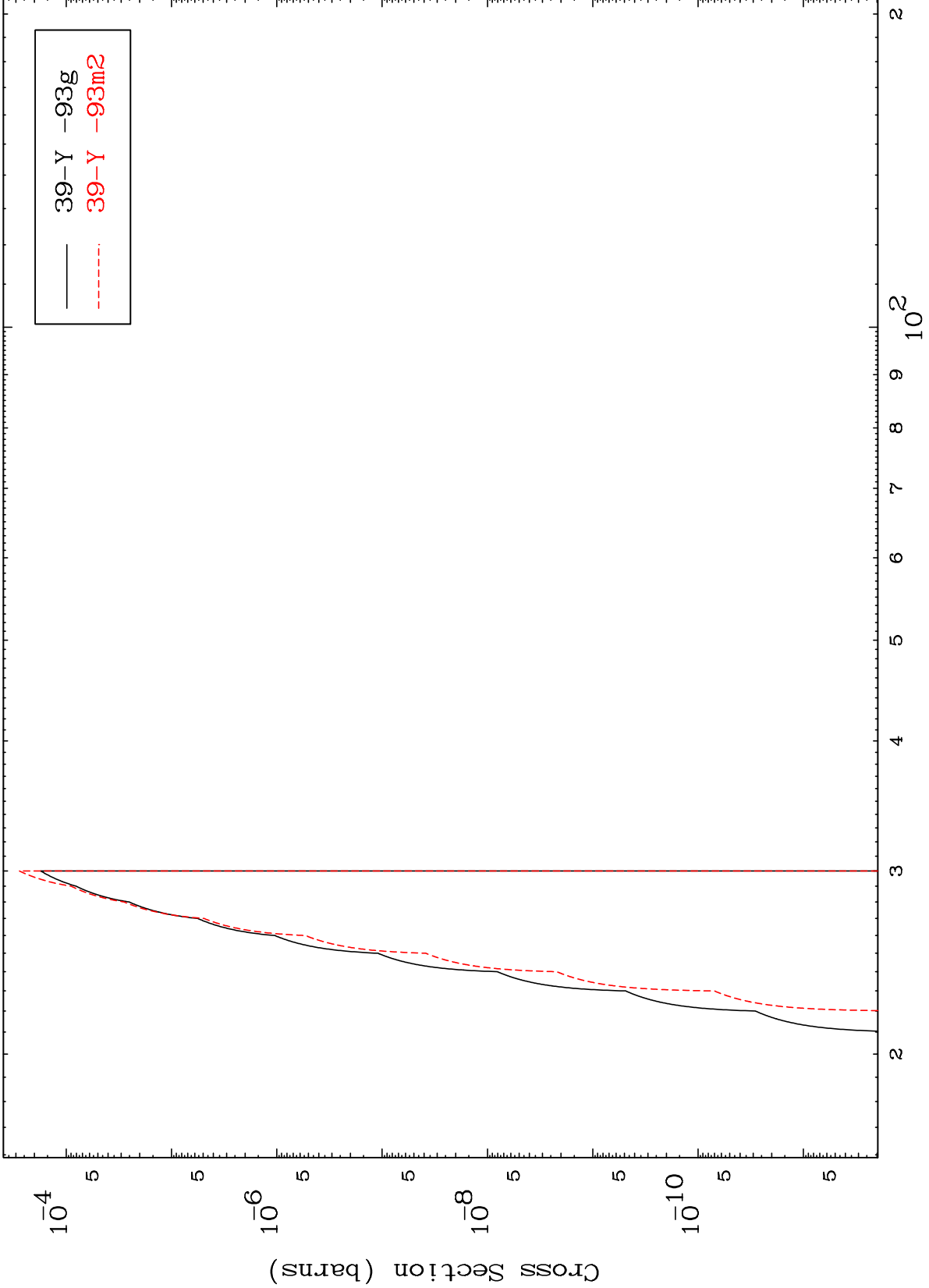
41-Nb-99

MAT 4144

(n,3n)  $\alpha$

41-Nb-99

Radionuclide Production Cross Section

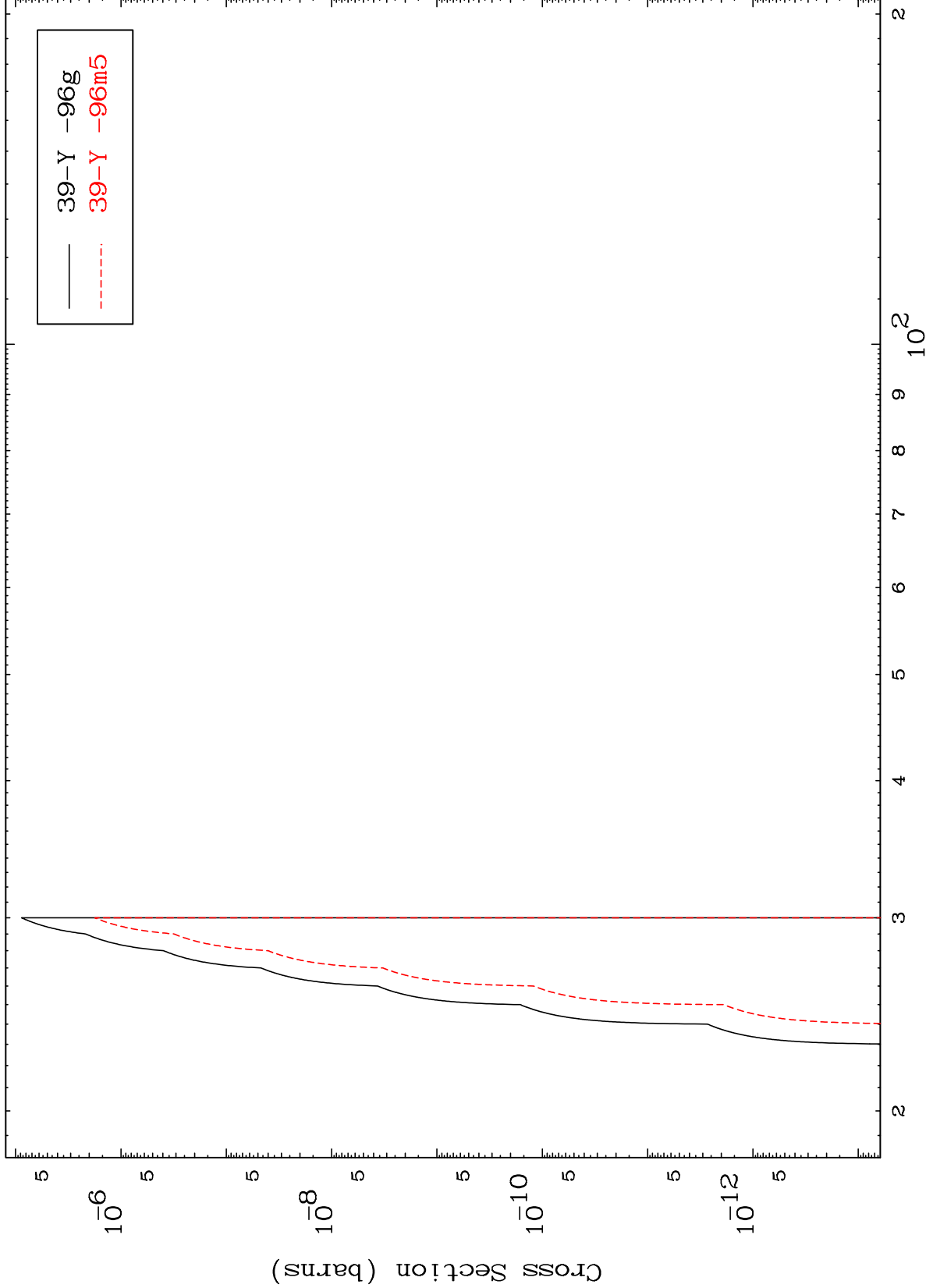


22

Incident Energy (MeV)

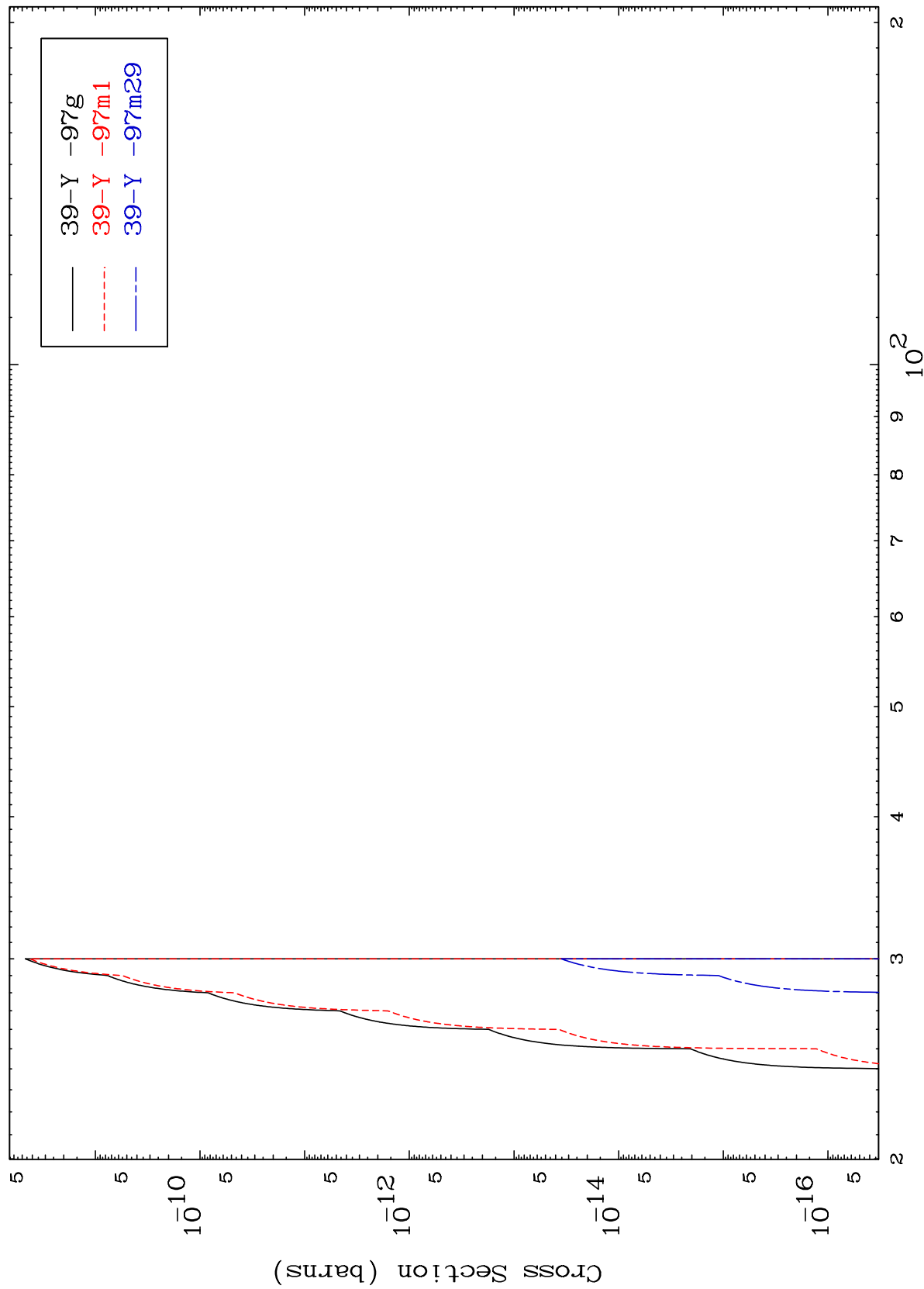
41-Nb-99

Radionuclide Production Cross Section





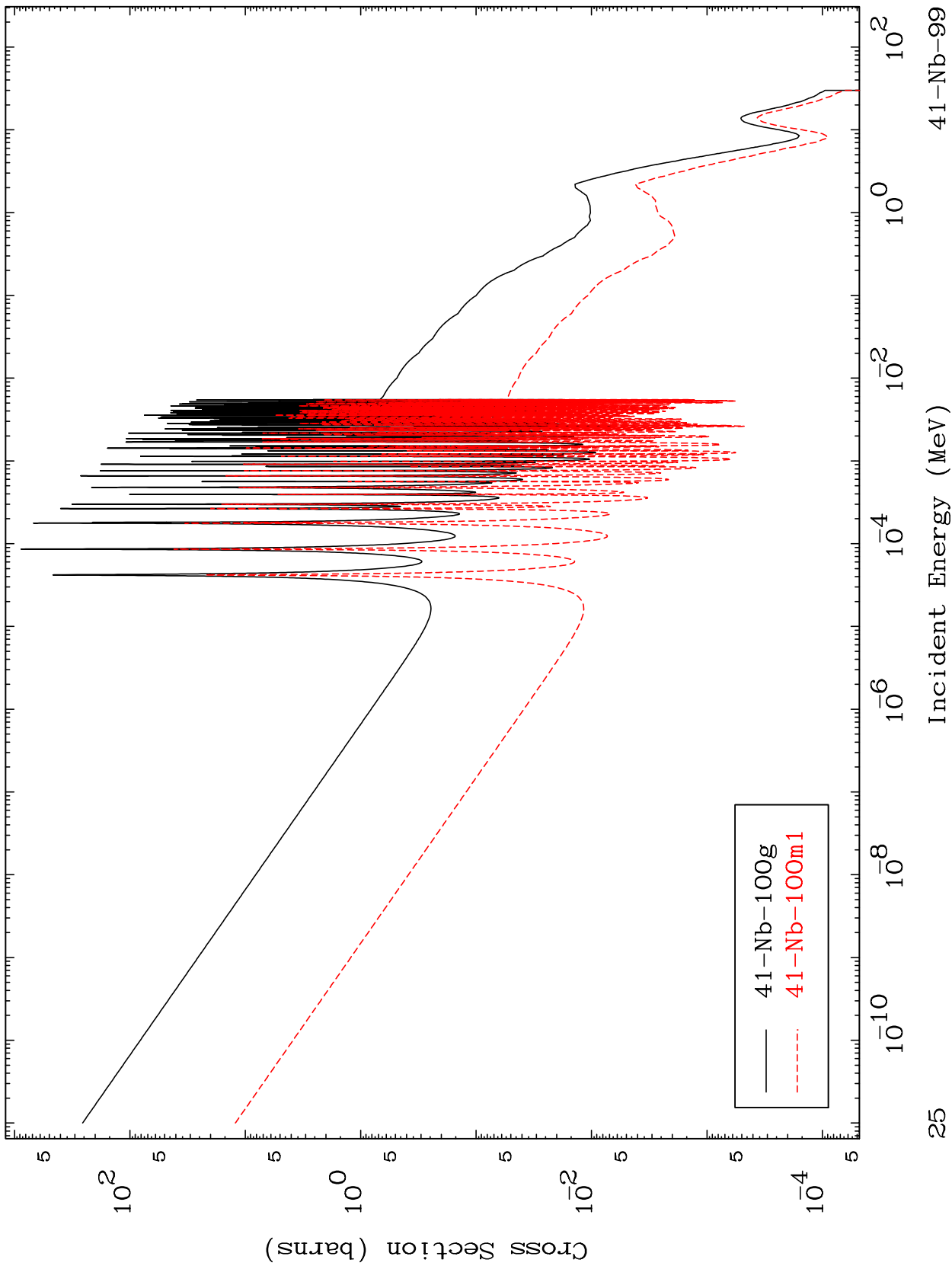
Radionuclide Production Cross Section



MAT 4144

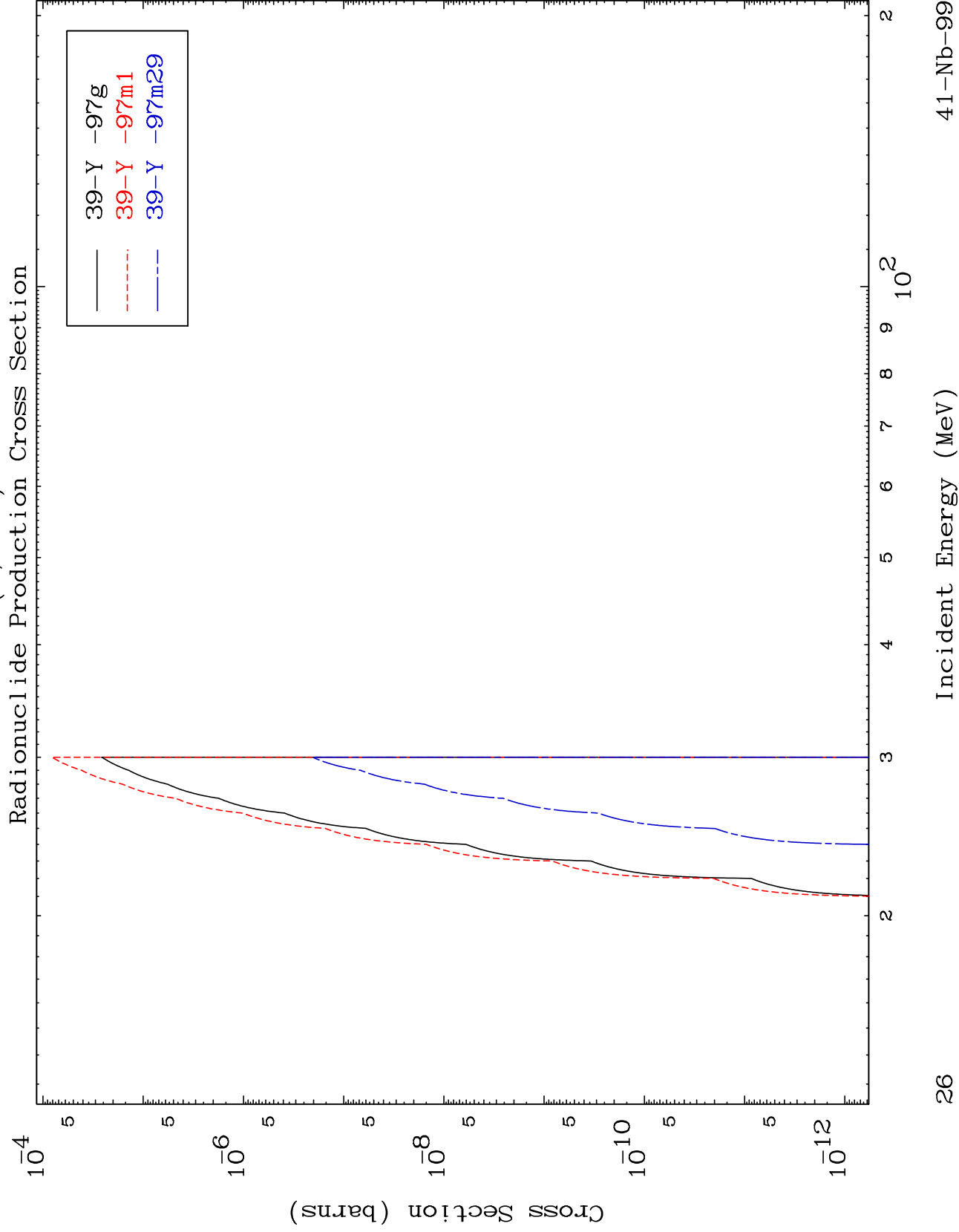
41-Nb-99

$(n, \gamma)$   
Radionuclide Production Cross Section



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41-Nb-99

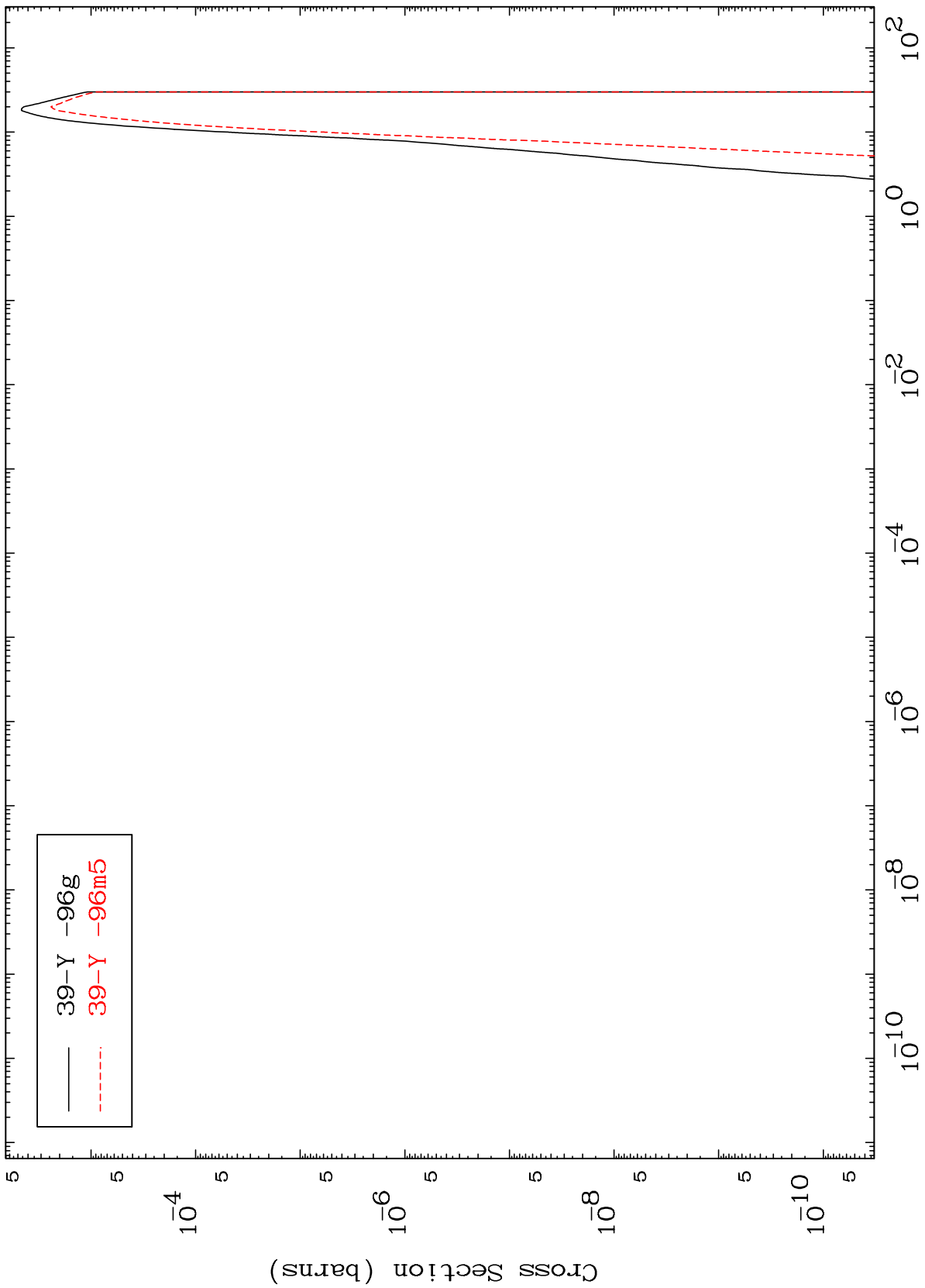


MAT 4144

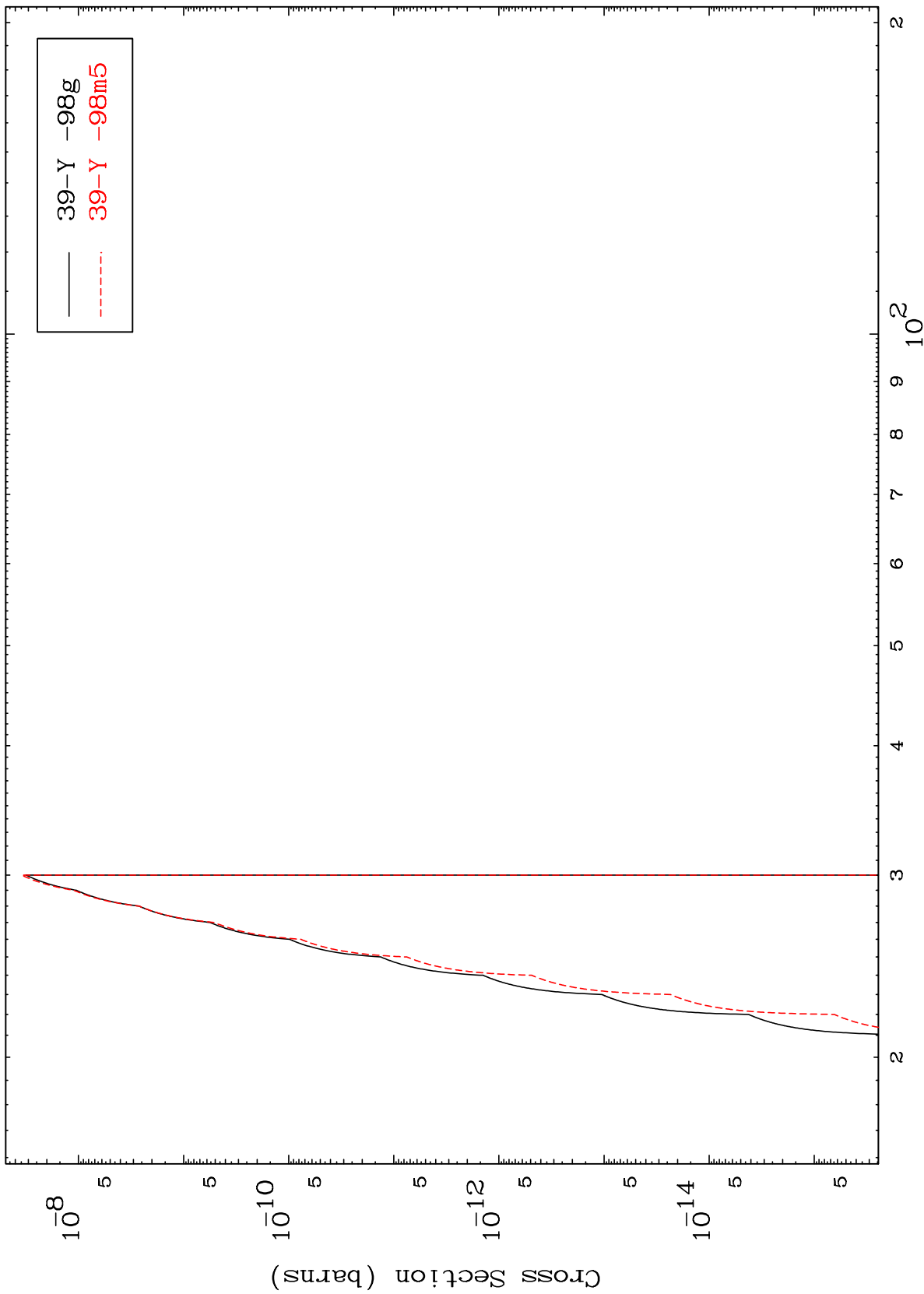
(n,  $\alpha$ )

41-Nb-99

Radionuclide Production Cross Section



(n,2p)  
Radionuclide Production Cross Section



Radionuclide Production Cross Section

